Groups (A), (B), and (C), design a divided rural road that has the following conditions:

- Annual growth rate for light vehicle=6%
- Annual growth rate for heavy vehicle=4%
- Practical lane capacity=900 Pcu/h
- Lane width=3.75m
- Directional distribution=50%
- Percentage of commercial trucks=30%
- Design speed=100 km/h
- Design life=15 yrs
- Current ADT=7000 veh/day
- Average growth weight=40,000 Ibs
- ESWL=20,000 Ibs
- CBR for subbase=15%
- CBR for subgrade=5%

Please note: additional necessary data can be assumed.